

## **I. Introduction**

The following procedures apply to accidents and injuries in the laboratory. All Lab Supervisors, Technicians, and Faculty are encouraged to take First Aid training. In case of serious injury, call 911. If trained, provide First Aid to the victim until emergency medical personnel arrive. For an injury involving exposure to chemicals (inhalation, ingestion, burns, etc.), which requires medical care, a copy of the MSDS should be sent with the injured person to the health care provider. MSDSs for chemicals used in student labs are located in the stockroom (SCI 303). MSDSs for research chemicals are located in the respective research labs.

## **II. First Aid Supplies**

- A. First Aid Supplies - Supplies are located in the chemistry stockroom (SCI 303) and in marked drawers in student labs and active research labs.
- B. Contents of First Aid Kits
  - a) Band-Aids
  - b) Bandage compresses

## **III. Serious Injury**

Do not move a seriously injured person unless he/she is in an environment that poses additional threats to his/her safety (e.g. chemical exposure, fire etc.) Designate someone to call 911 with the following information: location, phone number, and the victim's condition. If possible, send someone outside to direct the emergency responders to the proper location. Keep the victim warm and quiet until help arrives. Provide First Aid if trained to do so.

### **1) Chemicals on the Skin:**

Remove jewelry and contaminated clothing immediately. Flush the affected portion of the body with water for a minimum of 15 minutes. If appropriate, stand under the emergency safety shower and flush with water for a minimum of 15 minutes or until help arrives-direct water away from the eyes.

**2) Chemicals in the Eyes:**

Use the emergency eyewash; hold the eyes open, and flush with water for 15 minutes. For contact lens wearers, begin flushing eyes and then have injured person remove the contact lens as soon as possible. Chemicals in the eye are *always* considered a serious injury and require evaluation by a medical specialist.

**3) Inhalation of Chemical Fumes or Vapors:**

Call 911 if the person is not breathing, is having breathing difficulties, or has other serious symptoms. Move the person to fresh air and encourage the person to seek medical attention.

**IV. Minor Injury**

Immediate attention should be given to all injuries, however minor. The lab TA can provide students with a Band-Aid, which the student can apply. Only the lab instructor should provide First Aid. All injured individuals shall be advised to seek medical attention if they have any concerns about their injury. If there is any doubt, call the Student Health Center x1881 and request to speak to a nurse.

**V. Reporting**

After any injury or situation requiring medical attention, an EH&S Accident Report should be completed. [EH&S-003](#) is for injured workers, and [EH&S-002](#) is used for injured student, visitors, etc. - see attached. The completed form should be faxed to EH&S (x2238) with a copy filed with the Chemistry Safety Officer. Review the section describing how the injury happened and ask the persons involved to identify ways in which injuries can be prevented in the future. Log the incident in the Lab Incidence Log Book. Use this opportunity to review safety procedures with students, TAs, and faculty.